

Remarks

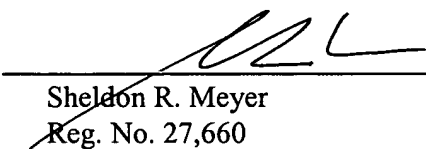
As mentioned above, previous preliminary amendments were filed on August, 8, 2001, January 15, 2002, and October 16, 2001. Prior to this third supplementary preliminary amendment, claims 29-37 and 39-87 were pending. The present amendment cancels claims 67, 79 and 81, amends claims 43, 64-66, 75-78 and 80, and adds claims 88 and 89, leaving for the Examiner's review, claims 29-37, 39-66, 68-78, 80 and 82-89. A fee for the additional claims is included herewith.

A Second Supplemental Information Disclosure Statement which includes form PTO 1449, and a copy of the cited reference are being filed herewith. Applicants request that this disclosure statement be made of record in the captioned application.

The Commissioner is authorized in the accompanying Response Transmittal Letter to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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Appendix

43. (Once Amended) An electro-kinetic transporter-conditioner, comprising:
a housing;
a first electrode, disposed in said housing;
a second electrode, removably disposed in said housing[, having a base member];
a source of high voltage, disposed in said housing, coupled between said first electrode and said second electrode; and
at least one [bead-shaped] member defining a through opening;
wherein said first electrode passes through said through opening and an outer surface of said first electrode may be at least partially frictionally cleaned by movement of said [bead-shaped] member along a length of said first electrode.
64. (Once Amended) An apparatus for conditioning air, comprising:
a vertically elongated housing;
a vertical wire-shaped emitter electrode, disposed in said housing;
a collector electrode, disposed in said housing;
a voltage generator coupled between the emitter electrode and collector electrode; and
an electrode cleaning mechanism adapted to fictionally remove debris from said wire-shaped emitter electrode as said electrode cleaning mechanism is moved along the emitter electrode when said housing is rotated from an original position.
65. (Once Amended) The apparatus of claim 64, wherein said electrode cleaning mechanism comprises a [generally planer sheet of material] member in which is defined [a slot] an opening corresponding to said wire-shaped electrode, wherein an inner surface of said [slot] opening scrapes against an outer surface of said wire-shaped electrode as said electrode cleaning mechanism is moved.
66. (Once Amended) The apparatus of claim 64, wherein said electrode cleaning mechanism comprises a [plastic] non-conductive member including [a slot] an opening to substantially surround a portion of said wire-shaped emitter electrode, wherein an inner surface of said [slot] opening scrapes against an outer surface of said wire-shaped electrode as said electrode cleaning mechanism is moved.

75. (Once Amended) An apparatus for conditioning air, comprising:
a vertically elongated housing;
at first electrode array including at least two vertical wire-shaped emitter electrodes, disposed in said housing;
a second electrode array including at least one collector electrode removably disposed in said housing;
a voltage generator coupled between the first electrode array and second electrode array; and
an electrode cleaning mechanism adapted to fictionally remove debris from said wire-shaped emitter electrodes as said electrode cleaning mechanism is moved along the emitter electrode when said housing is rotated from an original position.

76. (Once Amended) The apparatus of claim 75, wherein said electrode cleaning mechanism comprises a [generally planer sheet of material] member including [a slot] an opening corresponding to a said wire-shaped electrode, wherein an inner surface of each said [slot] opening scrapes against an outer surface of a corresponding said wire-shaped electrode as said electrode cleaning mechanism is moved.

77. (Once Amended) The apparatus of claim 75, wherein said electrode cleaning mechanism comprises at least two [generally planer sheets of material] members each including at least one [slot] opening, and each said [slot] opening corresponding to one of said wire-shaped electrodes, wherein an inner surface of each said [slot] opening scrapes against an outer surface of a corresponding said wire-shaped electrode as said [generally planer sheets] members are moved.

78. (Once Amended) The apparatus of claim 75, wherein said electrode cleaning mechanism comprises a [plastic] non-conductive member including [a slot] an opening to substantially surround a portion of a corresponding one of said wire-shaped emitter electrodes, wherein an inner surface of each said [slot] opening scrapes against an outer surface of said corresponding one of said wire-shaped electrodes as said electrode cleaning mechanism is moved.

80. (Once Amended) The apparatus of claim 75, wherein said electrode cleaning mechanism comprises at least two [plastic] non-conductive members each including [a slot] an opening to substantially surround a portion of a corresponding one of said wire-shaped emitter electrodes, wherein an inner surface of each said

[slot] opening scrapes against an outer surface of said corresponding one of said wire-shaped electrodes as said electrode cleaning mechanism is moved.